

SITEC

ENVIRONMENTAL
Hazardous and Solid Waste Consultants

WEEKLY STATUS REPORT

Client:	New Ventures Associates, LLC
Site Location:	Crow Lane Landfill, Newburyport, MA
Site Inspector:	Michael Quatromoni
Inspection Date:	Wednesday, April 4, 2007

ONGOING ACTIVITIES:

- An on-site meeting was conducted with New Ventures management and site personnel to discuss site conditions and general site improvements. Issues discussed included hay bales that require re-positioning along the perimeter berm, miscellaneous debris to be picked up at the westerly and northerly site perimeter, re-positioning of existing tarps on the slopes adjacent to the haul road, minor perimeter berm grading with process material and washout repairs. Other discussion items included the maintenance of existing landfill gas extraction well heads that had been reported as damaged as well as the small tears observed in the membrane cap at the base of the slope on the northeast corner and along the northerly berm. Site personnel were directed to focus on these maintenance items over the following several days. Additional personnel were to be deployed to assist in these efforts.
- The mobile rock crusher remains positioned in the Detention Basin 1 area. Rock crushing for on-site use was in progress.
- Grading and shaping materials were being accepted at the time of the inspection. Mixing with soil is on-going. An excavator was operating in the soils pile to load the rock truck with soils. The rock truck then transports the soils to the active material placement area where it is mixed with the fines during placement. Material placement being performed by a CAT compactor. Ample soils on-site are available for mixing operations.
- New Ventures continues working on shaping the southerly slope of the landfill. A topographic survey of the slope was scheduled with Hancock Survey for this week. Cover soils or tarps should be applied upon completion if there is no work on these slopes.

LANDFILL GAS MONITORING and SYSTEM OPERATIONS:


- The Landfill gas flare was fully operational during the inspection and throughout the week.
- The pre-treatment system consisted of two in-line Sulfa-Treat vessels that were connected to the flare. A third Sulfa-Treat vessel was observed to have been delivered to the site. The pre-treatment system appeared to meet its performance standard of 95% H₂S reduction into the flare with the exception that a short exceedance was reported on the 2nd. A sulfa-treat vessel was changed out with new media and the values returned to trace levels.
- NV personnel have been performing landfill gas monitoring in accordance with the protocol and the recording forms developed by SITEC and the operational guidelines developed by SITEC and Cornerstone Environmental Group. Completed forms and stationary H₂S meter readings from Charmanski Drive are faxed to DEP and SITEC daily. The following is a summary of the landfill gas

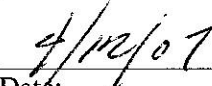
system monitoring as reported during the week:

- Landfill surface and site perimeter monitoring was performed for odors using the Jerome Meter. Readings were not conducted on several days due to inclement weather conditions. There were no odors detected during the monitoring nor were there any complaints received by the facility during this period.
- The stationary meter at Charmanski Drive operated continuously. There were no elevated H₂S readings recorded. Isolated readings of .005 and .006 ppm were recorded on the 6th and 7th which are just above the odor threshold.
- Header vacuum readings were maintained below .9". Well head readings were below .5".
- The enclosed flare maintained operating temperatures ranging from 1625°F and 1678°F.
- The enclosed flare was operated at flow rates ranging from 208 to 230 scfm.
- Vertical well head readings were not recorded on the 5th and 6th due weather and landfill surface conditions.
- Temperature readings are now being conducted at all vertical extraction wells. Thermometers have been installed.

CERTIFICATION (310 CMR 19.011):

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is accurate, true and complete. I am aware that there are significant penalties both civil and criminal for submitting false information including possible fines and imprisonment.


Michael Quatromoni, Project Manager


Date: